



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

E.I. DuPont De Nemours & Co., Inc.
DuPont P&IP Chestnut Run Plaza, 712/161, P.O. Box 80712
Wilmington, DE 19880

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: DuPont Butacite® PVB Interlayer

APPROVAL DOCUMENT: Drawing No. 11-1118.03, titled "DuPont Butacite® PVB Interlayer", Sheet 1 and 2 of 2, dated 02/06/2012, prepared by E. I. DuPont De Nemours & Co., Inc, signed and sealed by Allan A. Kozich, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Laminated lites under this Product Approval shall be permanently marked in a corner of the glass with: "MDCA-Butacite® PVB", standing for "Miami-Dade County Approved – Butacite® PVB", and the laminator's identification mark. These marks shall be applied by the individual laminator producing the finished laminated glass product containing the Butacite® PVB interlayer.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 11-0624.01 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
05/03/2012

NOA No. 11-1118.03
Expiration Date: December 11, 2016
Approval Date: May 10, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **11-1118.03**, titled "DuPont Butacite® PVB Interlayer", Sheet 1 and 2 of 2, dated 02/06/2012, prepared by E. I. DuPont De Nemours & Co., Inc, signed and sealed by Allan A. Kozich, P.E.

B. TESTS "*Submitted under NOA # 11-0624.01*"

	<u>Test report</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	A2280.01-10-18	ASTM D1929	03/29/11	Joseph A. Reed, P.E.
2.	A2280.01-10-18	ASTM D 635	03/29/11	Joseph A. Reed, P.E.
3.	A2280.01-10-18	ASTM D 2843	03/29/11	Joseph A. Reed, P.E.
4.	A2280.01-10-18	ASTM G 155	03/29/11	Joseph A. Reed, P.E.
5.	A2280.01-10-18	ASTM G 158	03/29/11	Joseph A. Reed, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC issued by Allan A. Kozich & Associates, dated 03/01/2012, signed and sealed by Allan A. Kozich, P.E.

"Submitted under NOA # 11-0624.01"

2. Statement letter of code conformance to 2007 FBC and no financial interest issued by Allan A. Kozich & Associates, dated 08/09/2011, signed and sealed by Allan A. Kozich, P.E.


05/03/2012

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 11-1118.03

Expiration Date: December 11, 2016

Approval Date: May 10, 2012

DUPONT BUTACITE® PVB INTERLAYER



A B C
SECTION

PRODUCT DESCRIPTION

MANUFACTURED BY: E.I. DUPONT DE NEMOURS & CO., INC.
A PLASTIC INTERLAYER MATERIAL FOR LAMINATION WITH GLASS
ON BOTH SIDES. A TYPICAL GLAZING IS MADE OF THE FOLLOWING
COMPONENTS:

A	- 1/8" (3.0 mm) Annealed Glass
B	- 0.090" (0.76 mm) DuPont Butacite® PVB Interlayer
C	- 1/8" (3.0 mm) Annealed Glass

MATERIAL CHARACTERISTICS Butacite® PVB Interlayer (Clear)

Designation	Test	Properties	
		Butacite® PVB Interlayer (Clear)	
Self Ignition Temperature	ASTM D1929	788 °F (420 °C)	
Flash Ignition Temperature	ASTM D1929	788 °F (420 °C)	
Avg Smoke Density Rating	ASTM D2843	7.2	
Burning Rate	ASTM D635	0 mm/min.	
Xenon Weathering (4500 hrs)	ASTM C158-02 Method A	* Weathering Flexural Strength (ASTM C158-02 Method A)	
		Before	After
		2940 psi	3189 psi

*WEATHERING PER SECTION 2612 OF THE FLORIDA BUILDING CODE

THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS COMPONENT. SYSTEMS INCORPORATING THIS COMPONENT SHALL APPLY FOR A PRODUCT APPROVAL TO THIS OFFICE AND SHALL SUBMIT TEST REPORTS AND OTHER REQUIRED DOCUMENTS SHOWING THAT THE SYSTEM USING THIS COMPONENT WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE FLORIDA BUILDING CODE.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-1118.03
Expiration Date 12/11/2016
By *[Signature]*
Miami Dade Product Control

<i>[Signature]</i> P.E. No. 16864 C.A. No. 1765	DuPont Butacite® PVB Interlayer E.I. duPont de Nemours & Co., Inc. DuPont P&IP - GLS Chestnut Run Plaza Bldg 712/161 P. O. Box 80712 Wilmington DE 19880-0712 Phone: 302-999-2125 Dwg. # 11-1118.03 Sheet 1 of 2 Drawing Date: 02/06/12 Allan A. Kozich, PE Registration # 16864
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FEB 13 2012

DUPONT BUTACITE® PVB INTERLAYER

Material Characteristics Butacite® PVB Interlayer (Colors)

Designation	Test	Properties
Self Ignition Temperature [1]	ASTM D1929	788 °F (420 °C)
Self Ignition Temperature [2]	ASTM D1929	788 °F (420 °C)
Self Ignition Temperature [3]	ASTM D1929	788 °F (420 °C)
Self Ignition Temperature [4]	ASTM D1929	788 °F (420 °C)
Self Ignition Temperature [5]	ASTM D1929	788 °F (420 °C)
Flash Ignition Temperature [1]	ASTM D1929	788 °F (420 °C)
Flash Ignition Temperature [2]	ASTM D1929	770 °F (410 °C)
Flash Ignition Temperature [3]	ASTM D1929	770 °F (410 °C)
Flash Ignition Temperature [4]	ASTM D1929	788 °F (420 °C)
Flash Ignition Temperature [5]	ASTM D1929	788 °F (420 °C)
Avg Smoke Density Rating [1]	ASTM D2843	7.2
Avg Smoke Density Rating [2]	ASTM D2843	9.1
Avg Smoke Density Rating [3]	ASTM D2843	10.2
Avg Smoke Density Rating [4]	ASTM D2843	10.1
Avg Smoke Density Rating [5]	ASTM D2843	8.1
Burning Rate [1]	ASTM D635	0 mm/min.
Burning Rate [2]	ASTM D635	0 mm/min.
Burning Rate [3]	ASTM D635	0 mm/min.
Burning Rate [4]	ASTM D635	0 mm/min.
Burning Rate [5]	ASTM D635	0 mm/min.

- [1] Clear Butacite® PVB Interlayer
 [2] Charcoal Grey Butacite® PVB Interlayer
 [3] Blue-Green Butacite® PVB Interlayer
 [4] Azure Blue Butacite® PVB Interlayer
 [5] Solar Bronze Butacite® PVB Interlayer

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<i>Allan A. Kozich</i> P.E. No. 16864 C.A. No. 1765	DuPont Butacite® PVB Interlayer E.I. duPont de Nemours & Co., Inc. DuPont P&IP - GLS Chestnut Run Plaza Bldg 712/161 P. O. Box 80712 Wilmington DE 19880-0712 Phone: 302-999-2125 Dwg. # 11-1118.03 Sheet 2 of 2 Drawing Date: 02/06/12 Allan A. Kozich, PE Registration # 16864
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FEB 13 2012